

**DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION\***

As a below named inventors, we hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD FOR CONDUCTING CAPILLARY ZONE ELECTROPHORESIS**

and for which a patent application:

☒ is attached hereto and includes amendment(s) filed on *(if applicable)*

☐ was filed in the United States on as Application No. *(for declaration not accompanying application)*

with amendment(s) filed on *(if applicable)*

☐ was filed as PCT international Application No. on and was amended under PCT Article 19 on *(if applicable)*

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION |         |                                      |  |
|--|---------|--------------------------------------|--|
| APPLICATION NUMBER   | COUNTRY | DATE OF FILING<br>(day, month, year) | PRIORITY<br>CLAIMED                                      |
|  |         |                                      | YES <input type="checkbox"/> NO <input type="checkbox"/> |
|  |         |                                      | YES <input type="checkbox"/> NO <input type="checkbox"/> |
|  |         |                                      | YES <input type="checkbox"/> NO <input type="checkbox"/> |

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

| PROVISIONAL APPLICATION NUMBER | FILING DATE      |
|--------------------------------|------------------|
| 60/177,652                     | January 27, 2000 |
|                                |                  |
|                                |                  |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| NON-PROVISIONAL<br>APPLICATION SERIAL NO. | FILING DATE | STATUS   |         |           |
|---|-------------|----------|---------|-----------|
|   |             | PATENTED | PENDING | ABANDONED |
|   |             |          |         |           |
|   |             |          |         |           |
|   |             |          |         |           |

\* for use only when the application is assigned to a company, partnership or other organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

|     |  |   |  |                                       |                   |
|-----|--|---|--|---------------------------------------|-------------------|
| 201 | FULL NAME OF INVENTOR                                | LAST NAME<br>LIU                        | FIRST NAME<br>ChangSheng                 | MIDDLE NAME                           |                   |
|     | RESIDENCE & CITIZENSHIP                              | CITY<br>State College                   | STATE OR FOREIGN COUNTRY<br>Pennsylvania | COUNTRY OF CITIZENSHIP<br>P. R. CHINA |                   |
|     | POST OFFICE ADDRESS                                  | STREET<br>425 Tanager Drive             | CITY<br>State College                    | STATE OR COUNTRY<br>PA                | ZIP CODE<br>16801 |
|     | SIGNATURE OF INVENTOR 201<br><i>* ChangSheng Liu</i> |   |  | DATE<br><i>* Jan 9, 2001</i>          |                   |
| 202 | FULL NAME OF INVENTOR                                | LAST NAME<br>LEVAN                      | FIRST NAME<br>Kevin                      | MIDDLE NAME<br>J.                     |                   |
|     | RESIDENCE & CITIZENSHIP                              | CITY<br>State College                   | STATE OR FOREIGN COUNTRY<br>Pennsylvania | COUNTRY OF CITIZENSHIP<br>USA         |                   |
|     | POST OFFICE ADDRESS                                  | STREET<br>1400 Martin Street, Apt. 3022 | CITY<br>State College                    | STATE OR COUNTRY<br>PA                | ZIP CODE<br>16803 |
|     | SIGNATURE OF INVENTOR 202<br><i>* [Signature]</i>    |   |  | DATE<br><i>* Jan 9, 2001</i>          |                   |
| 203 | FULL NAME OF INVENTOR                                | LAST NAME                               | FIRST NAME                               | MIDDLE NAME                           |                   |
|     | RESIDENCE & CITIZENSHIP                              | CITY                                    | STATE OR FOREIGN COUNTRY                 | COUNTRY OF CITIZENSHIP                |                   |
|     | POST OFFICE ADDRESS                                  | STREET                                  | CITY                                     | STATE OR COUNTRY                      | ZIP CODE          |
|     | SIGNATURE OF INVENTOR 203                            |   |  | DATE                                  |                   |
| 204 | FULL NAME OF INVENTOR                                | LAST NAME                               | FIRST NAME                               | MIDDLE NAME                           |                   |
|     | RESIDENCE & CITIZENSHIP                              | CITY                                    | STATE OR FOREIGN COUNTRY                 | COUNTRY OF CITIZENSHIP                |                   |
|     | POST OFFICE ADDRESS                                  | STREET                                  | CITY                                     | STATE OR COUNTRY                      | ZIP CODE          |
|     | SIGNATURE OF INVENTOR 204                            |   |  | DATE                                  |                   |
| 205 | FULL NAME OF INVENTOR                                | LAST NAME                               | FIRST NAME                               | MIDDLE NAME                           |                   |
|     | RESIDENCE & CITIZENSHIP                              | CITY                                    | STATE OR FOREIGN COUNTRY                 | COUNTRY OF CITIZENSHIP                |                   |
|     | POST OFFICE ADDRESS                                  | STREET                                  | CITY                                     | STATE OR COUNTRY                      | ZIP CODE          |
|     | SIGNATURE OF INVENTOR 205                            |   |  | DATE                                  |                   |

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: ChangSheng LIU et al.

Application No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: Herewith

Examiner: Not yet assigned

For: METHOD FOR CONDUCTING  
CAPILLARY ZONE ELECTROPHORESIS

Attorney Docket No.: 9046-037

**POWER OF ATTORNEY BY ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 3.71**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest in the above-identified subject application hereby appoints: S. Leslie Misrock (Reg. No. 18872), Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), William S. Galliani (Reg. No. 33885), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito

POWER OF ATTORNEY

(Reg. No.38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Alan Tenenbaum (Reg. No. 34939), Michael J. Lyons (Reg. No. 37,386), Garland T. Stephens (Reg. No. 37,242) and William J. Sipio (Reg. No. 34,514), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, all of Pennie & Edmonds LLP (PTO Customer No. ), as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71, provided that, if any one of these attorneys ceases being affiliated with the law firm of Pennie & Edmonds LLP as partner, counsel, or employee, then the appointment of that attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

An assignment of the entire interest in the above-identified subject application:

☐ was recorded on \_\_\_\_\_ at reel/frame \_/\_\_\_\_.

☐ is submitted herewith for recording.

Please direct all correspondence for this application to customer no. .

ASSIGNEE:

Signature:

\* Joseph K. Adlerstein

Typed Name:

\* Joseph K. Adlerstein

Position/Title:

\* President/CEO

Address:

\* 2124 Old Gatesburg Road

State College, PA 16803

Date:

\* 01/09/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: ☒ Application of: ChangSheng LIU et al.  
☐ Patent of:

☐ Application No.: Not yet assigned  
☐ Patent No.:

Group Art Unit: Not yet assigned

☐ Filed: Herewith  
☐ Issued:

Examiner: Not yet assigned

For: METHOD FOR CONDUCTING CAPILLARY ZONE ELECTROPHORESIS Attorney Docket No.: 9046-037

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
[37 CFR 1.9(f) and 1.27(c)] - Small Business Concern

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
- ☒ an official of the small business concern empowered to act in behalf of the concern identified below:

Name of organization SpectruMedix Corporation

Address of organization 2124 Old Gatesburg Road

State College, PA 16803

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the person employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern and/or there is an obligation under contract or law by the inventor(s) to convey rights to the small business concern with regard to the invention entitled "METHOD FOR CONDUCTING CAPILLARY ZONE ELECTROPHORESIS" by ChangSheng Liu and Kevin J. LeVan, described in:

- ☒ the specification filed herewith
- ☐ application no. \_\_\_\_\_ filed \_\_\_\_\_
- ☐ patent no. \_\_\_\_\_ issued \_\_\_\_\_

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention

are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. [37 CFR 1.28 (b)]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, and patent issuing thereon, or any patent to which this verified statement is directed.

Send correspondence to:

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1667 K Street, N.W.  
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Name of person signing \* Joseph K. Adlerstein  
Title of person other than owner \* President and CEO  
Address of person signing 2124 Old Gatesburg Rd., State College, PA 16803

Signature \* *Joseph K. Adlerstein* Date \* 01/09/01

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities.  
(37 CFR 1.27)